

**Replace** the paragraph beginning on page 4, line 21 with the following:

When a process on a WINDOWS NT brand operating system tries to open a file that resides on a remote computer, the following steps occur:

- B2
- The process calls the I/O Manager to request that the file be opened.
  - The I/O Manager recognizes that the request is for a file on a remote computer, so it passes it to the redirector file system driver 22 (RDR.Sys).
  - The redirector 22 passes the request to lower-level network drivers that transmit it to the remote Server 26 for processing.
  - The transport receives a send IO request packet (Irp) for the SMB header and command.
  - This send is translated into frames and queued for dispatch on the wire through the Miniport driver.

**IN THE CLAIMS:**

**Amend** claims 4, 6, 10, 15, and 18 and **add** claims 22, 23, and 24 as follows:

B3

4. (Amended) A method of tracing a transmission of data over a computer network comprising: detecting a transport-layer request to transmit an input/output packet; searching the input/output packet to determine an identity of a process that created the input/output packet; and storing in a trace log an entry representing the request, wherein the entry comprises the identity of the process, and wherein the trace log is accessible to determine a volume of data being transmitted over the network.